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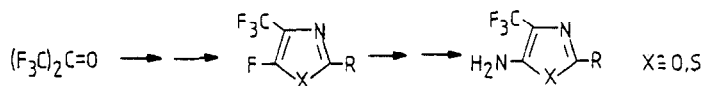
INTRODUCTION OF AMINO GROUPS ADJACENT TO
TRIFLUOROMETHYL GROUPS INTO HETEROAROMATIC
COMPOUNDS

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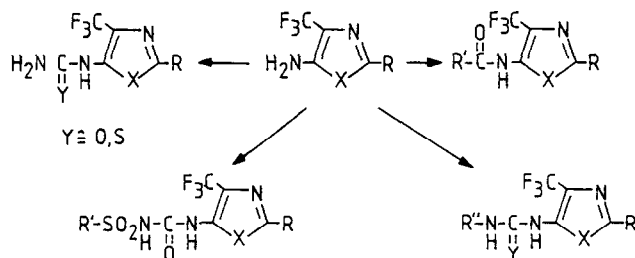
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Pharmaceutical and agricultural chemicals containing a trifluoromethyl group have been subject of increased research activity in recent years [1]. Consequently, renewed efforts have been made to develop efficient synthetic methodology for the introduction of the trifluoromethyl group into organic compounds.

It was shown, that hexafluoroacetone is an interesting starting material for syntheses of trifluoromethyl substituted heterocyclic compounds [2].



We now report on the syntheses and the synthetic potential of 5-amino- and 5-aminomethyl- 4-trifluoromethyl-1.3-azoles, a new class of trifluoromethylsubstituted heteroaromatic amines



1 R. Filler, in *Organofluorine Chemicals and their Industrial Applications*, R.E. Banks, Edit., Ellis Horwood LTD., Chichester, 1979, pp. 123 and lit. cited therein.

2 K. Burger, K. Geith, D. Hübl, *Synthesis* (1988) 189.